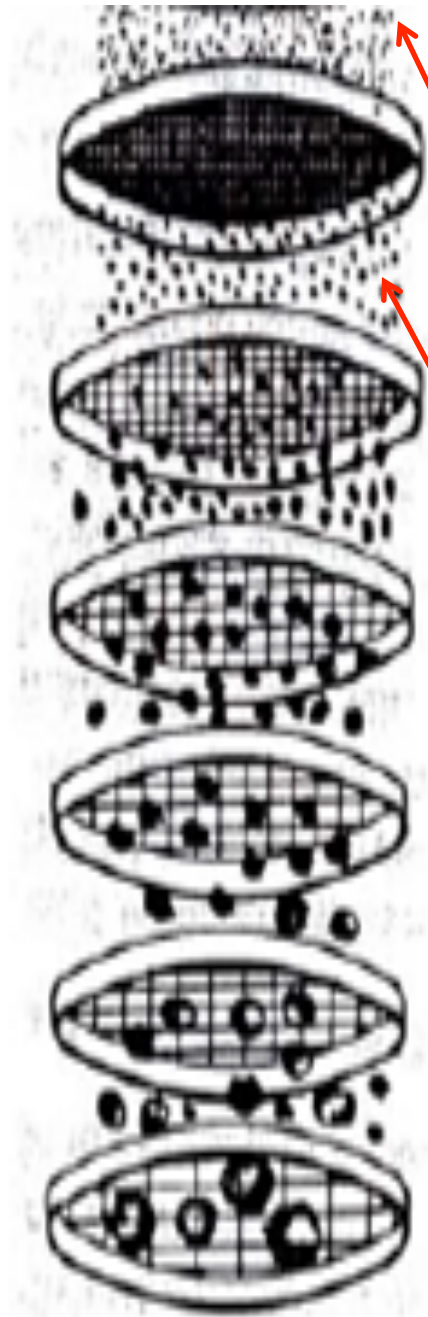


Using a Multi-Criteria Decision System to Evaluate Options for Improving Water Supply Reliability in Santa Cruz

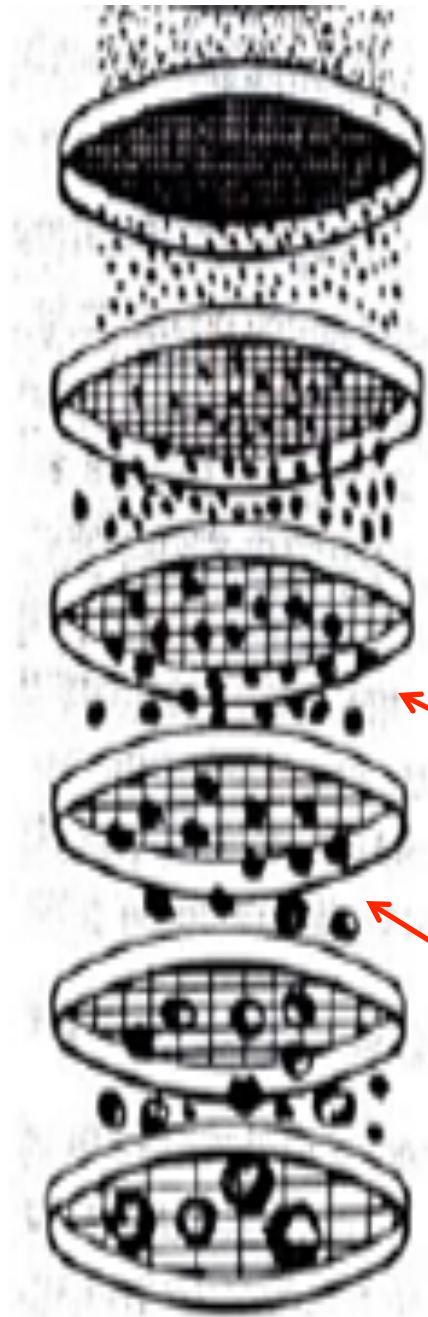


Evaluating options with MCDS is like putting material through a sieve

- Phase I (Recon):
 - “Call For Options” in July for the Water Supply Convention in October
 - Responses submitted included only general info about what the WSAC was looking for.
 - Additional information on submittals was requested

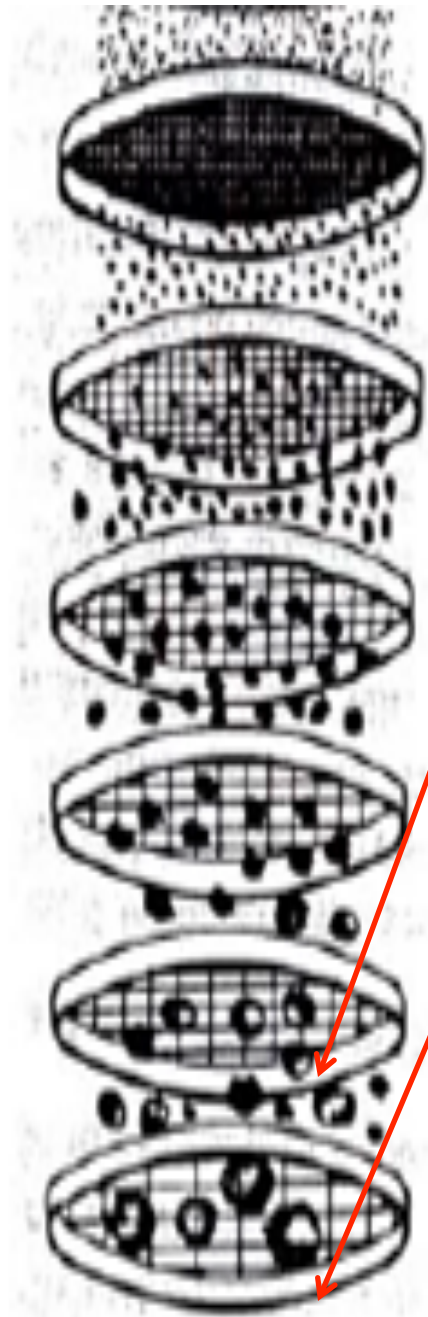
Additional information provided more detail about what the WSAC was interested in (e.g. criteria), but included nothing about how much additional water supply or demand management is needed.

Initial respondents self-selected whether to participate in the second phase.



- Phase 2 (Recon) Analysis:

- Options, including ideas that may ultimately be combined into *packages of options*, that best meet preliminary criteria of practicability, effectiveness, environmental and community impact, will be ranked more highly by Water Supply Convention evaluators.
- Additional technical analyses will provide further needed information about potential options, and possible packages of options, which will allow WSAC to again sort and eliminate options. (Note: additional ideas not presented at the Water Supply Convention may be added during the analysis process.)
- Options and packages of options will be further analyzed for how they relate to various scenarios.
- The best options or packages of options move from Recon to the Real Deal.



- Phase 3 (the Real Deal):
 - Detailed analyses provide additional information to compare options and packages of options.
 - Recommendations are developed for those options or packages of options that the WSAC sees as the best fit for improving the reliability of Santa Cruz's water supply.